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### WHAT IS CLAIMED IS:

1	1. A keystore method comprising the steps of:
2	retrieving one or more certificates from a local database;
3	determining if said any of said one or more certificates preexists in a preselected
4	portion of a distributed database; and
5	storing nonpreexisting certificates of said one or more certificates in said
6	preselected portion of said distributed database.

- 2. The method of claim 1 wherein said preselected portion of said distributed database comprises said distributed database.
- 3. The method of claim 1 further comprising the step of determining if said one or more certificates is invalid.
- 4. The method of claim 3 wherein said step of storing nonpreexisting ones of said one or more certificates is bypassed for invalid certificates.
- 5. The method of claim 3 further comprising the step of requesting a new certificate corresponding to an invalid certificate.

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# **PATENT**

	2	databa	se in response to an update event.
	1	7.	The method of claim 6 wherein said step of updating said distributed database
	2	compri	ises the steps of:
	3		requesting one or more new certificates; and
	4		adding said new certificates to said distributed database.
and the hard hard the that the	1 2 3 4	8.	The method of claim 1 further comprising the steps of:  determining if a current certificate supercedes a preexisting certificate; and replacing said preexisting certificate with said current certificate if said current rate supercedes said preexisting certificate.
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 2 3	9.	The method of claim 1 further comprising the steps of: accessing said distributed keystore; and requesting a selected certificate from said distributed keystore.
	1	10.	The method of claim 9 further comprising the step of searching a local keystore
	2	for said	d selected certificate in response to a failure of said step of requesting said selected
	3	certific	eate.

The method of claim 1 further comprising the step of updating said distributed

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l	11. The method of claim 1 further comprising the step of repeating, for a second local
2	database, the steps of:
3	retrieving one or more certificates;
4	determining if said any of said one or more certificates preexists in a preselected

portion of a distributed database; and

storing nonpreexisting certificates of said one or more certificates in said preselected portion of said distributed database.

12. The method of claim 8 wherein said distributed database comprises a logical keystore.

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13.	A computer program product embodied in a tangible storage medium, the							
program product for managing a keystore, the program product including a program of								
instru	actions for performing the steps of:							

retrieving one or more certificates from a first local database,

determining if said any of said one or more certificates preexists in a preselected portion of a distributed database; and

storing nonpreexisting certificates of said one or more certificates in said preselected portion of said distributed database.

- 14. The program product of claim 13 wherein said preselected portion of said distributed database comprises said distributed database.
- 15. The program product of claim 13 wherein said program of instructions further comprises programming for performing the step of determining if said one or more certificates is invalid.
- 16. The program product of claim 15 wherein said step of storing nonpreexisting ones of said one or more certificates is bypassed for invalid certificates.
- 17. The program product of claim 15 wherein said program of instructions further comprises programming for performing the step of requesting a new certificate corresponding to an invalid certificate.

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1	18. The program product of claim 13 wherein said program of instructions further
2	comprises programming for performing the step of updating said distributed database in
3	response to an update event.

- 19. The program product of claim 18 wherein said step of updating said distributed database comprises the steps of:
  - requesting one or more new certificates; and adding said new certificates to said distributed database.
- 20. The program product of claim 13 wherein said program of instructions further comprises programming for performing the steps of:

determining if a current certificate supercedes a preexisting certificate; and replacing said preexisting certificate with said current certificate if said current certificate supercedes said preexisting certificate.

- 21. The program product of claim 13 wherein said program of instructions further comprises programming for performing the steps of:
- 3 accessing said distributed database; and
- 4 requesting a selected certificate from said distributed database.

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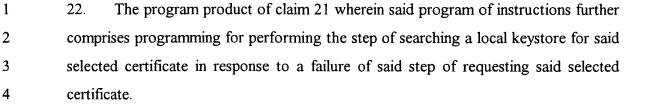
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23. The computer program product of claim 13 wherein said program of instructions further comprises instructions for the step of repeating, for a second local database, the steps of:

retrieving one or more certificates;

determining if said any of said one or more certificates preexists in a preselected portion of a distributed database; and

storing nonpreexisting certificates of said one or more certificates in said preselected portion of said distributed database.

24. The computer program product of claim 20 wherein said distributed database comprises a logical keystore.

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<b>4</b> 3.	A data	DIOCCSSIIIE	2 42 (C111	COMBINE.

circuitry operable for retrieving one or more certificates from a first local database;

circuitry operable for determining if said any of said one or more certificates preexists in a preselected portion of a distributed database; and

circuitry operable for storing nonpreexisting certificates of said one or more certificates in said preselected portion of said distributed database.

- 26. The system of claim 25 wherein said preselected portion of said distributed database comprises said distributed database.
- 27. The system of claim 25 further comprising circuitry operable for determining if said one or more certificates is invalid.
- 28. The system of claim 27 wherein said circuitry operable for determining if said one or more certificates is expired includes circuitry operable for bypassing, for invalid certificates, said circuitry operable for storing nonpreexisting certificates.
- 29. The system of claim 27 further comprising circuitry operable for requesting a new certificate corresponding to an invalid certificate.

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selected certificate.



1	30.	The system of claim 25 further comprising circuitry operable for updating said				
2	distributed database in response to an update event.					
1	31.	The system of claim 30 wherein said circuitry operable for updating said				
2	distributed database comprises:					
3		circuitry operable for requesting one or more new certificates; and				
4		circuitry operable for adding said new certificates to said distributed database.				
1	32.	The system of claim 25 further comprising:				
2		circuitry operable for determining if a current certificate supercedes a preexisting				
3	certificate; and					
4		circuitry operable for replacing said preexisting certificate with said current				
5	certificate if said current certificate supercedes said preexisting certificate.					
1	33.	The system of claim 25 further comprising:				
2		circuitry operable for accessing said distributed database; and				
3		circuitry operable for requesting a selected certificate from said distributed				
4	databas	se.				

The system of claim 33 further comprising circuitry operable for searching a local

keystore for said selected certificate in response to a failure of said step of requesting said

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35.	The system of claim 25	further co	mprising	circuitry	operable	for repeating,	for
a secon	nd local database, the st						

retrieving one or more certificates;

determining if said any of said one or more certificates preexists in a preselected portion of a distributed database; and

storing nonpreexisting certificates of said one or more certificates in said preselected portion of said distributed database.

36. The system of claim 32 wherein said distributed database comprises a logical keystore.